

E 7.5 - 1 0.2. 1 4
CR 142683

Organization:

Remote Sensing Institute
South Dakota State University
Brookings, South Dakota 57006

Title:

Monthly Report to National
Aeronautics and Space
Administration

Report Type:

Monthly Progress Report
March 1975

EREP Investigation Number:

"Made available under NASA sponsorship
in the interest of early and wide dis-
semination of Earth Resources Survey
Program information and without liability
for any use made thereof."

NASA Contract Number:

NAS 9-13337

Principal Investigator:

Victor I. Myers

Date Submitted:

April 20, 1975

NASA Technical Monitor:

Clayton Forbes
Operations Room
Code TF6
Johnson Space Center
Houston, Texas 77058

(E75-10274) DEVELOP TECHNIQUES AND
PROCEDURES, USING MULTISPECTRAL SYSTEMS, TO
IDENTIFY FROM REMOTELY SENSED DATA THE
PHYSICAL AND THERMAL CHARACTERISTICS OF
PLANTS AND SOIL Monthly Progress (South
63/43 UNCLAS
00274 N75-22885

3.0 Report of work as identified in Ex. A (SOW) --- Contract NAS 9-13337.

3.1 Progress Reports

a. Overall status ---

Continued reduction of the S192 were pursued. Methods of locating the boundaries of the seven different test sites (agricultural fields) were applied to the data. The data within the boundaries for the six available bands were reduced for statistical analyses.

b. Recommendations ---

None at this time

c. Expected accomplishments ---

A paper will be prepared for the Houston Conference in June, 1975.

d. A readily.....results.....

None at this time

e. Summary outlook ---

The ground-based ET assessments were conducted for seven different physical settings. The analysis will include a multistage approach for assessing ET of agricultural land.

f. Travel summary ---

None expected.